

ABSTRACT OF THE DISCLOSURE

An assembly including a support housing and an actuator device. The actuator device includes an extendable initiator cup including at least one non-random fold and at least in part defining a storage chamber containing a reactive charge reactable to produce reaction products. The extendable initiator cup longitudinally extends from a first length to a second, greater length upon reaction initiation of the reactive charge. The extendable initiator cup is at least partially disposed within a longitudinally extending bore of the support housing. The support housing is effective to limit lateral expansion of the extendable initiator cup upon reaction initiation of the reactive charge. The assembly can include an electrical conductive member or an electrical switch. The extendable initiator cup can extend to sever the electrical conductive member or disengage the electrical switch, thereby interrupting the conduction of electricity through an electrical system. Alternatively, the extendable initiator cup can extend to engage the electrical switch thereby allowing the conduction of electricity through an electrical system.